

AMENDMENTS TO THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously Presented) A method in a device having a display, the method comprising:

generating at least one sensor signal using at least one sensor in the device;

generating a first display orientation context value for longer than a set period of time that indicates how the device is oriented based on the at least one sensor signal;

generating a second display orientation context value for shorter than the set period of time after generating the first display orientation context value based on the at least one sensor signal, the second display orientation context value differing from the first display orientation context value;

generating a third display orientation context value that indicates that the device is laying flat based on the at least one sensor signal after generating the second display orientation context value; and

selecting an orientation for an image on the display while the device is laying flat by using the first display orientation context value instead of the second display orientation context value.

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Previously Presented) A method in a device having a display, the method comprising:

generating at least one sensor signal using at least one sensor in the device;

generating a tilt context value that indicates how the device is tilted based on at least one sensor signal; and

changing a display orientation context value that describes the orientation of a display based on the tilt context value unless the tilt context value is being used to control scrolling of an image on the display.

10. (Canceled)

11. (Canceled)

12. (Previously Presented) A method in a device having a display, the method comprising:

generating at least one sensor signal using at least one sensor in the device that indicates the distance to an object without requiring the object to touch the device;

generating a sequence of proximity context values based on the sensor signal that indicate the movement of an object relative to the device; and

preventing the device from entering an idle mode because

the sequence of proximity context values indicates that an object is moving relative to the device while allowing the device to enter an idle mode when the sequence of proximity context values indicate that an object is present but not moving relative to the device.

13. (Canceled)

14. (Previously Presented) A method in a device having a display, the method comprising:

generating at least one sensor signal using at least one sensor in the device;

generating a holding context value that indicates that the user is holding the device and at least one orientation context value that indicates that the device is in an orientation consistent with the user wanting to use the device based on the at least one sensor signal; and

activating a sound capturing application based on the holding context value and the orientation context value.

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (New) The method of claim 5 further comprising generating a tilt context value that indicates how the device is tilted.

35. (New) The method of claim 34 further comprising setting

the mapping of directional inputs relative to the display based on the first display orientation context value.

36. (New) The method of claim 34 further comprising changing a contrast level on a display based on the tilt context value.

37. (New) The method of claim 34 further comprising scrolling an image on the display based on the tilt context value while generating the first display orientation context value, the rate of scrolling being based on the difference between a current tilt context value and an initial tilt context value that was determined when scrolling was initiated.

38. (New) The method of claim 37 wherein scrolling an image comprises removing at least one tool bar from the display while scrolling the image.

39. (New) The method of claim 5 further comprising generating a holding context value that indicates that the user is holding the device while generating the first display orientation context value and placing the device in a full power mode based on the holding context value and the first display orientation context value.

40. (New) The method of claim 5 further comprising generating a holding context value that indicates that the user is holding the device and preventing the device from entering an idle mode based on the holding context value.

41. (New) The method of claim 5 further comprising generating a sequence of proximity context values that indicate the proximity between the device and an object and preventing the device from entering an idle mode based on the sequence of

proximity context values.

42. (New) The method of claim 5 further comprising generating a holding context value that indicates that the user is holding the device while generating the first display orientation context value and activating an application based on the holding context value and the first display orientation context value.

43. (New) The method of claim 42 wherein activating an application comprises activating a sound capturing application so that it captures sound.

44. (New) The method of claim 12 further comprising generating at least one tilt sensor signal that indicates how the device is tilted and generating a tilt context value based on the at least one tilt sensor signal.

45. (New) The method of claim 44 further comprising generating a display orientation context value based on the at least one tilt sensor signal that indicates how a display on the device is oriented.

46. (New) The method of claim 45 further comprising setting the mapping of directional inputs relative to the display based on the display orientation context value.

47. (New) The method of claim 45 further comprising:
generating a first display orientation context value for longer than a set period of time that indicates how the device is oriented based on the at least one sensor signal;
generating a second display orientation context value for shorter than the set period of time after

generating the first display orientation context value based on the at least one sensor signal, the second display orientation context value differing from the first display orientation context value; generating a third display orientation context value that indicates that the device is laying flat based on the at least one sensor signal after generating the second display orientation context value; and selecting an orientation for an image on the display while the device is laying flat by using the first display orientation context value instead of the second display orientation context value.

48. (New) The method of claim 44 further comprising changing the contrast level on a display based on the tilt context value.

49. (New) The method of claim 44 further comprising scrolling an image on the display based on the tilt context value, the rate of scrolling being based on the difference between a current tilt context value and an initial tilt context value that was determined when scrolling was initiated.

50. (New) The method of claim 49 wherein scrolling an image comprises removing at least one tool bar from the display while scrolling the image.

51. (New) The method of claim 45 further comprising generating a holding context value that indicates that the user is holding the device and placing the device in a full power mode based on the holding context value and the display orientation context value.

52. (New) The method of claim 45 further comprising

generating a holding context value that indicates that the user is holding the device and preventing the device from entering an idle mode based on the holding context value.

53. (New) The method of claim 45 further comprising generating a holding context value that indicates that the user is holding the device and activating an application based on the holding context value and the display orientation context value.

54. (New) The method of claim 53 wherein activating an application comprises activating a sound capturing application so that it captures sound.

55. (New) A device with a display, the device comprising:
a sensor that generates a sensor signal;
a context information server that:
 generates a first display orientation context
 value for longer than a set period of time
 that indicates how the device is oriented
 based on the sensor signal;
 generates a second display orientation context
 value for shorter than the set period of time
 after generating the first display
 orientation context value based on the sensor
 signal, the second display orientation
 context value differing from the first
 display orientation context value; and
 generates a third display orientation context
 value that indicates that the device is
 laying flat based on the sensor signal after
 generating the second display orientation
 context value; and
an application that draws an image on the display while

the device is laying flat by using the first display orientation context value instead of the second display orientation context value.